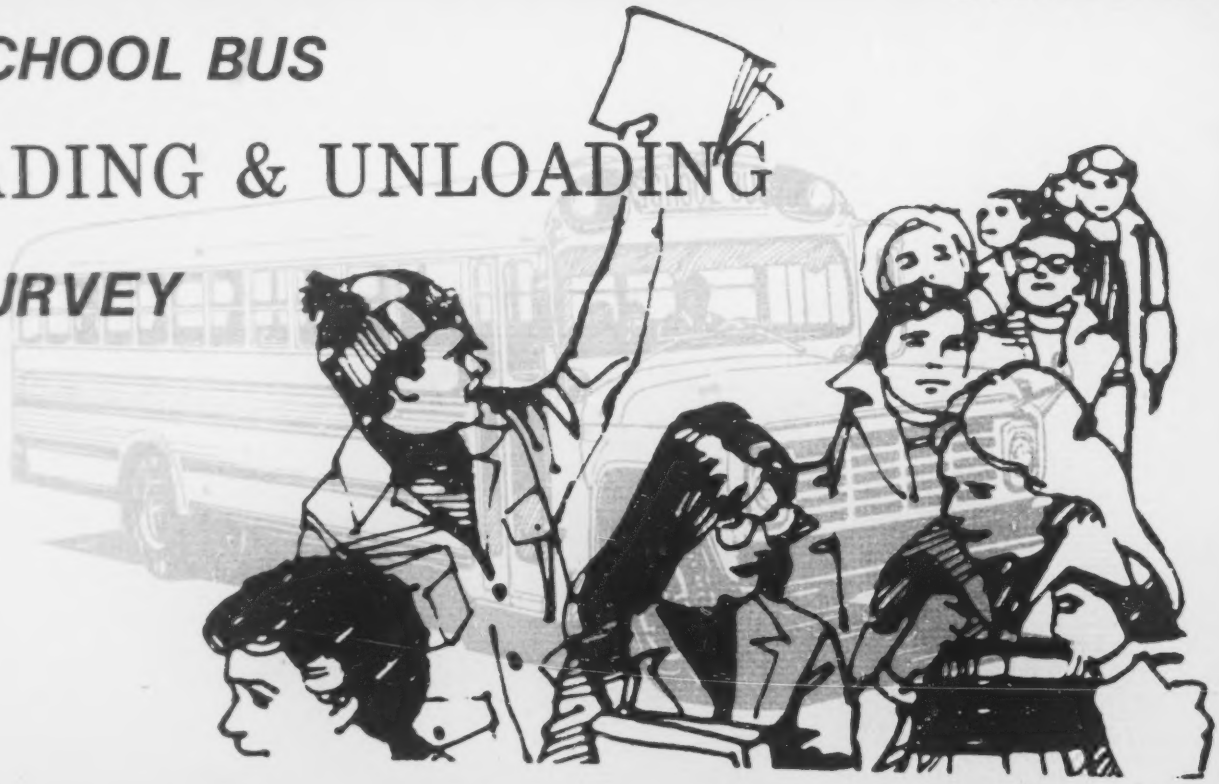
S3040-2-a

SCHOOL BUS

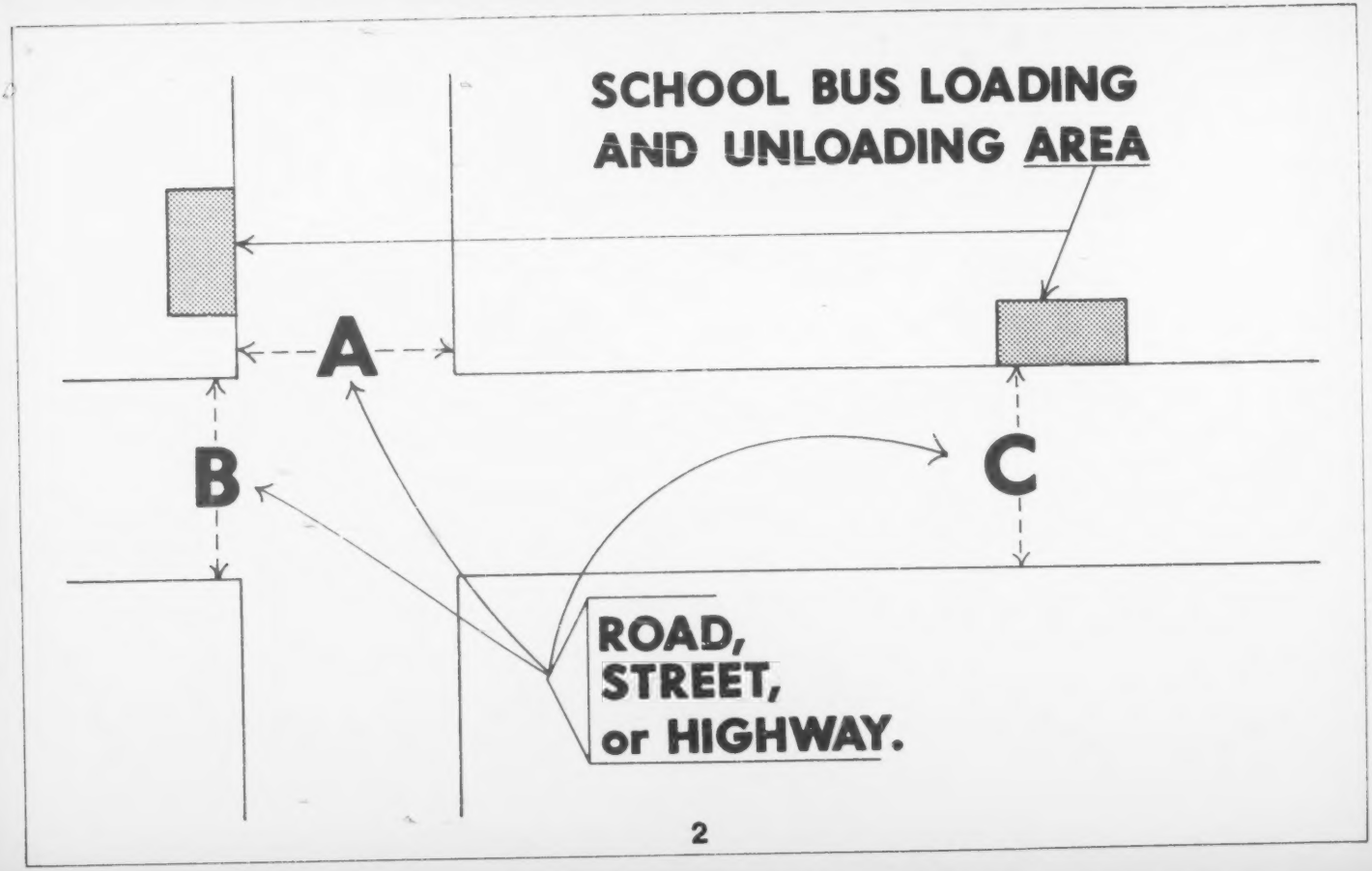
LOADING & UNLOADING

SURVEY



CALENDAR YEAR 1985 SCHOOL YEAR 85-86

The National School Bus Loading and Unloading Survey is a collection of fatality accident records provided by the state agencies responsible for school transportation safety and/or accident records. Only those fatality accidents involving school children in or around the loading or unloading areas of a school bus are included in this survey. On-board fatalities are excluded, as are pedestrian-type fatalities that occur when the school bus is not in the near vicinity at the time of the accident.


SCHOOL BUS LOADING
AND UNLOADING AREA
A
B
C
ROAD,
STREET,
or HIGHWAY.

50 States and Washington, D.C. surveyed

	1982	1983	1984	1985
Number reporting fatalities.....	17	24	22	24
Number reporting no fatalities.....	33	25	26	27
Number not reporting	1	2	3	0

School Children Killed by School Bus

Childs position when killed

	1982	1983	1984	1985
Front of Bus	12	15	15	15
Back of Bus	5	8	6	11
Total	17	23	21	26

School Children Killed by

Vehicle Passing School Bus

	1982	1983	1984	1985
Total	11	8	7	17
No Information	0	0	2	2
Total Children Killed	28	31	30	45

(school bus & other vehicle)

Light Condition	1982	1983	1984	1985
Dawn	1	2	1	4
Dusk	0	0	0	0
Daylight	27	28	27	41
Dark	0	1	0	0
Unknown	0	0	2	0
Total	28	31	30	45

School Bus Size	1982	1983	1984		1985
Type I (Large Bus)	27	31	11	TYPE A	10
Type II (Small Bus).....	1	0	1	TYPE B	0
Unknown	0	0	7	TYPE C	23
Total	28	31	4	TYPE D	4
				UNK.	8
				TOTAL	45

Sex of Child

	1982	1983	1984	1985
Female.....	11	14	19	20
Male.....	17	16	9	22
No Information.....	0	1	2	3
Total.....	28	31	30	45

School Children Killed

	1982	1983	1984	1985
Going to School.....	6	6	5	14
Activity Trip.....	0	0	0	0
Coming Home.....	22	25	21	31
No Information.....	0	0	4	0
Total.....	28	31	30	45

Place Pupil Was Killed

	1982	1983	1984	1985
Loading & Unloading Area..	2	6	15	22
School Ground	0	1	1	1
Road, Street or Highway.....	26	24	12	21
No Information	0	0	2	1
Total.....	28	31	30	45

Age of Pupil Killed	1982	1983	1984	1985
5 Years Old or Under	7	8	3	8
6 Years Old.....	4	5	8	12
7 Years Old.....	4	4	5	8
8 Years Old.....	5	4	3	5
9 Years Old.....	2	4	0	1
10-17 Years Old.....	6	5	8	8
No Information.....	0	1	3	3
Total.....	28	31	30	45

Area Accident Occurred

	1982	1983	1984	1985
Urban.....	15	15	11	20
Rural.....	13	16	15	25
No Information.....	0	0	4	0
Total.....	28	31	30	45

Weather Conditions	1982	1983	1984	1985
Clear	26	26	22	30
Cloudy	1	2	2	3
Rain	0	0	0	1
Snow/Sleet/Ice	1	1	2	1
Fog	0	2	1	0
Unknown	0	0	3	10
Total	28	31	30	45

DAY OF THE WEEK FATALITY OCCURRED

1985 (Only)

MONDAY	9
TUESDAY	13
WEDNESDAY	6
THURSDAY	8
FRIDAY	6
SATURDAY	0
SUNDAY	0
UNKNOWN	3

SCHOOL
SCHOOL
SPEED
LIMIT
20
WHEN
FLASHING
WHEN
FLASHING
SCHOOL
SPEED
LIMIT
20
8:30 A.M.
TO 5:30 P.M
STOP
WHEN
CHILDREN
ARE PRESENT
SCHOOL
BUS STOP
AHEAD
WHEN
CHILDREN
ARE PRESENT
R
R

MONTH FATAL ACCIDENT OCCURRED

	1982	1983	1984	1985
JANUARY	4	1	4	9
FEBRUARY	3	4	4	7
MARCH	1	4	5	2
APRIL	2	3	2	4
MAY	0	4	5	5
JUNE	0	0	1	0
JULY	0	0	0	0
AUGUST	2	0	0	1
SEPTEMBER	2	1	3	1
OCTOBER	7	6	1	7
NOVEMBER	3	5	1	7
DECEMBER	1	2	2	2
NO INFORMATION	3	1	2	0
TOTAL	28	31	30	45

ACCIDENT SUMMARY REPORT

1. An elementary student was struck and killed by a school bus on a foggy morning. The child was late and was hit as she attempted to cross in front of the moving bus.

2. An eight year old male student departed a bus, walked on the shoulder of the road behind the bus and crossed between stopped cars. As the bus started in motion, an oncoming vehicle struck and killed the student.

3. A six year old female student departed the bus and crossed the roadway. She came back across the road to pick up papers and was not seen by the driver. The rear wheels on the bus ran over the child.

4. A six year old male student departed the bus and crossed the roadway. He came back across the road and was struck by the bus.

5. The bus stopped and discharged a 7 year old student in a downtown area. The child crossed in front of the school bus which was operating the flashing lights. Another vehicle disregarded the lights and passed the school bus from the rear, striking the child.

6. Four students exited the school bus and started to cross the highway. The bus driver thought all the students had cleared the road and proceeded to move forward, striking a six year old female student with both front and rear wheels.

7. The school bus was stopped to unload two students. Immediately after the students had exited the bus a milk truck struck the bus in the rear, pushing it 150' down the highway. The milk truck then skidded over an 8 year old female.

8. The ten year old male student was crossing the street to board the bus. Two other students had already crossed and were boarding/being seated. While the driver was watching the other students, the ten year old student dropped his books in front of the bus. The school bus driver did not see the student and started forward striking the student and the fatality resulted.

9. The school bus was stopped with flashers operating a 6 year old student proceeded across the street to catch the bus. A passing car did not stop and struck the student.

10. A 5 year old student crossed in front of the bus but paused to check for traffic. Someone called out his name and he turned his back to the bus to see who was calling him. The bus began to pull out and knocked the student down, running him over.

11. The school bus was headed east approaching the bus stop to be made on the travelled portion of the highway. The student had to cross both lanes from the north where he was standing with his mother. The student darted out onto the highway without looking into the path of a pickup truck that was headed west. The pickup braked and swerved but struck the student with the left front of the vehicle. The school bus was not at the stop yet and, as per state statute, was not operating flashers.

12. A 7 year old girl, instead of crossing in front of the bus, walked down the right side toward the rear of the bus. The bus went on to the next stop, turned around, and upon return the bus driver saw the girl lying face down in the road. An investigation indicated tire tread design mark left on her pants matched the left front tire tread of the bus.

13. A kindergarten child was killed in the unloading area at the school. The school bus made a right turn after unloading; child was pushed or fell under rear wheels.

14. An 8 year old boy was killed after being discharged from a school bus at an unauthorized stop. While crossing the street without being properly escorted by the driver, or use of the flashing red light, he was hit by a passing vehicle.

15. The school bus was stopped and unloading at the school on its morning run. The child got off the bus and began to cross the school driveway in front of the bus. When he cleared the bus he dropped some books, stopped to retrieve them, and was struck by another bus leaving the school grounds.

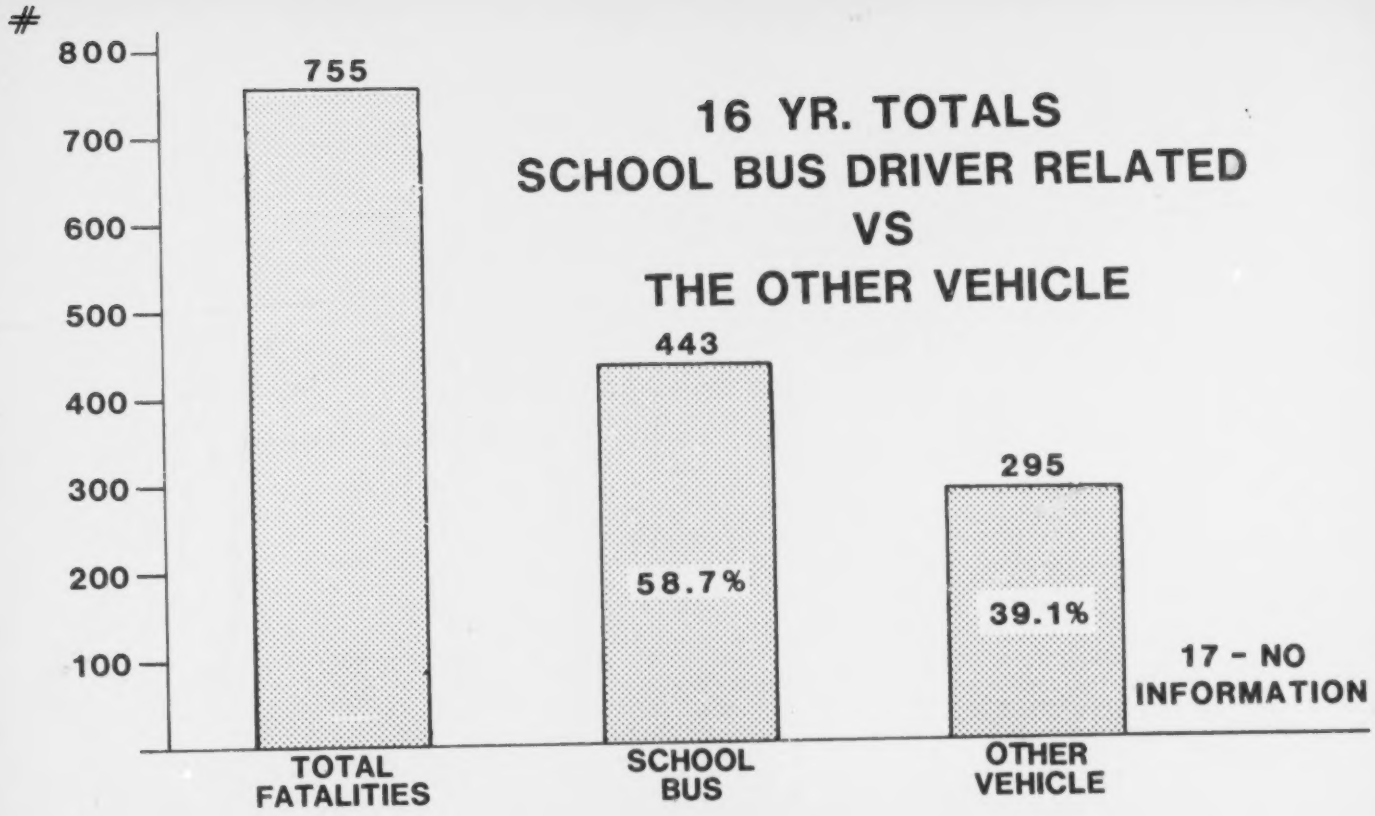
16. A kindergarten child was hit by a pickup truck after unloading. Child got off bus and ran on to the state highway.

17. A student was late for the bus. The bus had pulled away from the stop and was proceeding on its run. The student chased the bus, unbeknownst to the driver, the driver stopped at a sign prior to making a right hand turn, as the bus began to turn right, the student caught up with the bus and apparently slid in front of the right rear duals.

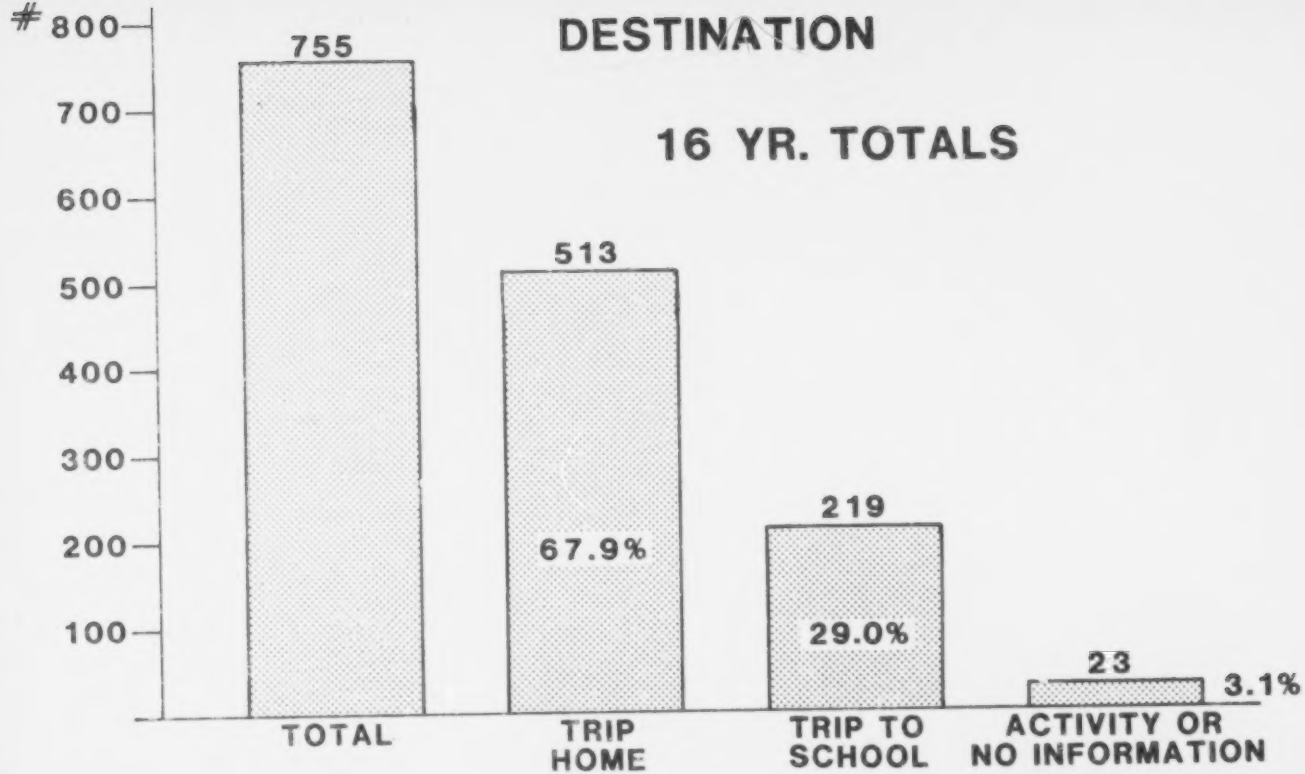
18. A six year old girl was hit by a motorcycle while crossing the road to catch the stopped school bus.

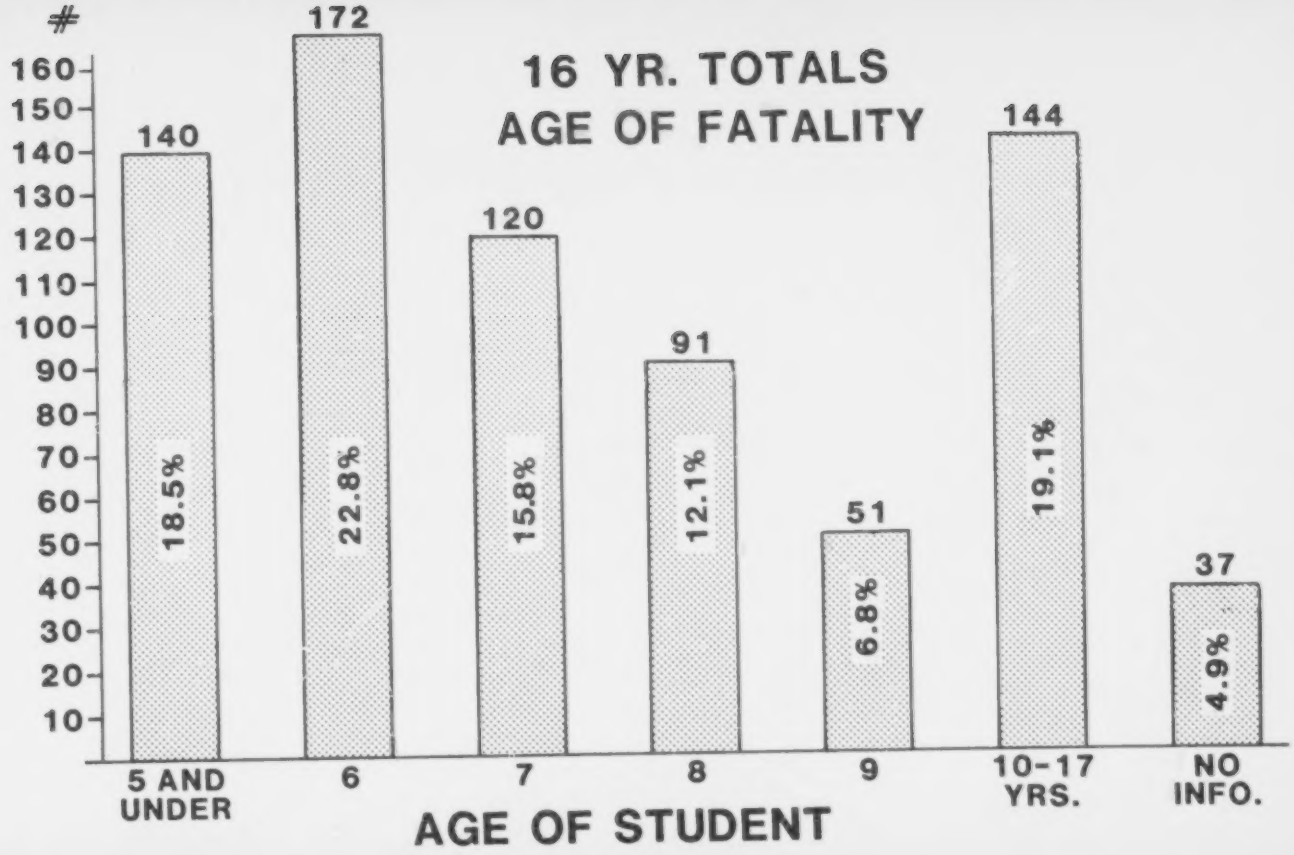
19. A bus stopped at an intersection to discharge four. The bus then turned left and struck a seven year old boy with the right rear duals, dragging him 139 feet.

THE ABOVE SUMMARY REPORTS WERE THOSE THAT HAD SUFFICIENT INFORMATION REPORTED TO INCLUDE IN THIS REPORT. THESE ARE ALSO AN OVERALL TYPICAL REPRESENTATION OF THE FATALITY ACCIDENTS WHICH OCCURRED.



16 YR. TOTALS
SCHOOL BUS DRIVER RELATED
VS
THE OTHER VEHICLE


DESTINATION
16 YR. TOTALS
800
700
600
500
400
300
200
100
755
513
67.9%
219
29.0%
23
3.1%
TOTAL
TRIP HOME
TRIP TO SCHOOL
ACTIVITY OR NO INFORMATION


#
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
16 YR. TOTALS
AGE OF FATALITY
140
18.5%
172
22.8%
120
15.8%
91
12.1%
51
6.8%
144
19.1%
37
4.9%
5 AND UNDER
6
7
8
9
10-17 YRS.
NO INFO.
AGE OF STUDENT

SUMMARY

- *523 fatalities occurred to students 5, 6, 7 & 8 yrs. of age, or 69.3% of total.*
- *Students departing bus on way home involved in 67.9% of all fatalities in the study.*
- *School bus related accidents outnumber those involving "the other vehicle"*
- *In the 81,-85 calendar years, the school bus was involved in 58.7 % of the accidents or 87 of the 134 fatalities that occurred.*

This survey is provided annually to the school transportation industry in an effort to alert individuals and organizations of the dangers involved in loading and unloading school children. Fatalities continue to occur at the bus stop, caused by a variety of circumstances and errors on the part of the school bus driver or a passing motorist. It points out the continuing need for forceful, advanced instruction to school bus drivers, and the need to increase our efforts to thoroughly inform the driving public about the requirements of the school bus stop law.

Limited quantities of this document are available from the address provided below. Please feel free to reproduce and utilize the survey data as desired, as it is provided specifically for this purpose.

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